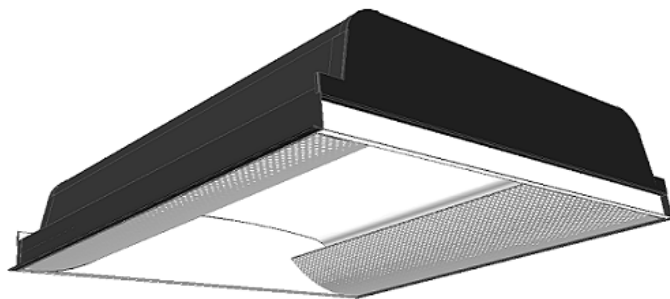


Sidelyte Recessed Fluorescent **SIS2GPF2FT**

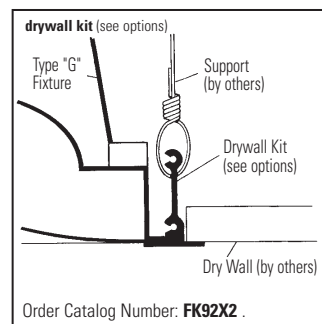
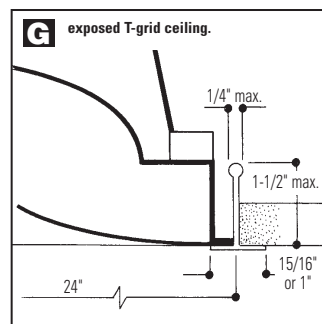
Page 1 of 2

Direct/Indirect 2' x 2' with Perforated Baskets
Static, 2 Lamp TT5

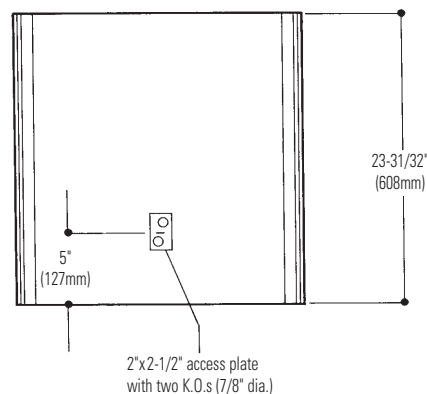
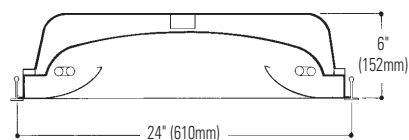
- Direct/indirect side basket appearance.
- Perforated mesh lamp shields with white acrylic overlays.
- 55.1% efficient (2 lamp 40W TT5).
- Spacing to mounting ratio 1.4.
- Only 6" deep body.
- One-piece housing.
- Ballast accessible from room side.
- Perforated lamp shields hinge for easy relamping.
- 2 earthquake clips standard.
- UL Listed twin knockout access plate.
- Not suitable for continuous row mounting.



Mounting Methods



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

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www.lightolier.com

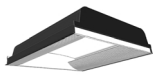
Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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Sidelyte Recessed Fluorescent SIS2GPF2FT

Page 2 of 2

Direct/indirect 2' x 2' with Perforated Baskets
Static, 2 Lamp TT5

Model No. SIS2GPF2FT120SB

LER = FP - 42.4 IW - 72 BF - 0.88
Comparative yearly lighting energy cost per
1000 lumens = \$5.66

Report Number: G2004263
Catalog Number: SIS2GPF2FT120SB
Lamps: FT40 40W BIAx
Luminaire: SIS 2'x2' with 2 perforated side
baskets.
Ballast: RCN-2TTP40-SC
Report is based on 3150 Lumens per lamp.
Efficiency: 55.1%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.3 1.4
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 22.966 23.843

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1060	1060	1060	
5	1056	1052	1054	
15	1002	1008	1019	285
25	906	928	953	428
35	779	822	869	515
45	622	702	779	541
55	446	583	698	517
65	268	484	634	465
75	141	379	488	358
85	34	44	49	69
90	0	0	0	

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	64	61	58	57	55	53	51
2	58	53	48	49	46	43	42
3	52	46	41	43	39	35	35
4	48	40	35	38	33	30	29
5	44	36	30	34	29	26	25
6	40	32	27	31	26	22	22
7	38	29	24	28	23	20	20
8	35	27	21	25	21	18	17
9	33	24	19	23	19	16	16
10	31	22	18	22	17	14	14

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1267.	1430.	1587.
55	1120.	1464.	1753.
65	914.	1650.	2161.
75	785.	2110.	2717.
85	562.	727.	810.

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	813	14.8	24.8
0- 40	1328	24.1	40.5
0- 60	2387	43.4	72.8
0- 90	3279	59.6	100.0
90-180	0	0.0	0.0
0-180	3279	59.6	100.0

Ordering Information

Explanation of Catalog Number. Example: SIS2GPF2FT120SB

SI	S	2	G	P	F	2	FT			
Sidelyte: Direct/Indirect Recessed with Perforated Mesh Shield	Body Style: S= Static	Fixture Width	Ceiling Type	Perforated Lamp Shield	Single White Reflector	Lamp Quantity: 2=2 Lamp	Lamp (By Others) FT=Twin Tube T5	Voltage: 120, 277 or UNV=120-277	Options: Add appropriate suffix to catalog no., ie: (GLR)	

Options/Accessories

Fusing: Internal fast-blow fusing. SUFFIX GLR.
Internal slow-blow fusing. SUFFIX GMF.
Drywall Kit: Order Catalog Number: FK92X2.

Specifications

Performance: In an installation of 2 lamp 40W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% walls, 20% floor, the C.U. shall not be less than .61. To reduce glare the average brightness at 65° shall not exceed 2161 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 75.2%.

Materials: Chassis parts are die-formed code gauge cold rolled steel. Housing side rails hemmed over and housing ends are turned-in for safe handling.
Lamp Shields: 22 gauge steel perforated mesh lamp shield with white acrylic overlay.
Finish: Chassis exterior-black baked polyester enamel. Cavity-white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.
Lamp Shield: Baked flat white acrylic enamel.

Specifications (continued)

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
Labels: I.B.E.W. UL and ULc Listed.

Job Information

Type:

Lightolier a Genlyte company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

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